

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number  
WO 2005/061845 A1

(51) International Patent Classification<sup>7</sup>: E21B 29/06

(21) International Application Number: PCT/CA2004/002192

(22) International Filing Date: 22 December 2004 (22.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/530,912 22 December 2003 (22.12.2003) US

(71) Applicant and

(72) Inventor: ZEER, Robert, L. [CA/CA]; 8275 26th Avenue S.W., Calgary, Alberta T3H 3W1 (CA).

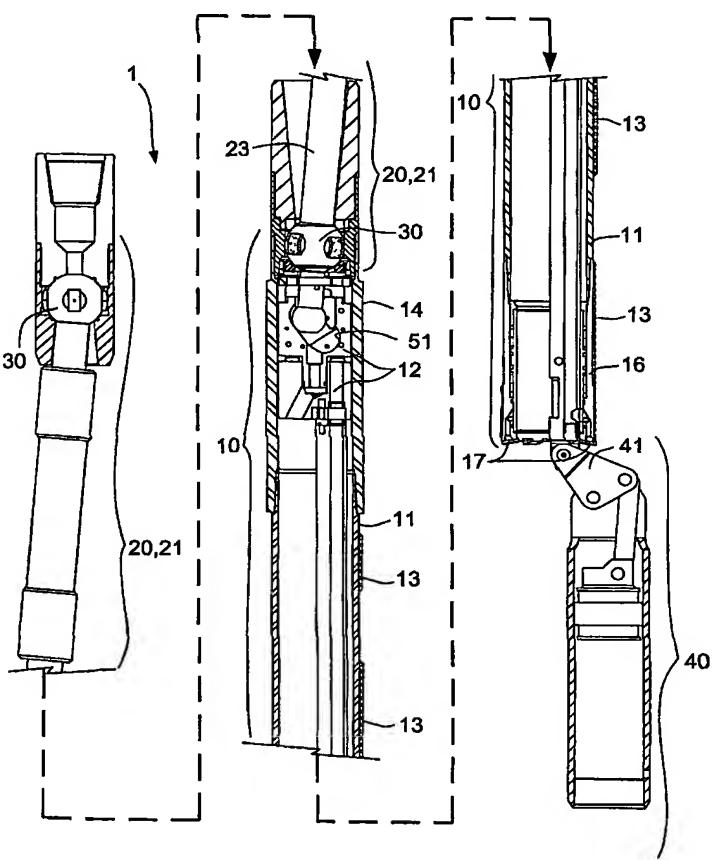
(74) Agent: GOODWIN MCKAY; Suite 360, 237-8th Avenue S.E., Calgary, Alberta T2G 5C3 (CA).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: WINDOW REAMING AND CORING APPARATUS AND METHOD OF USE



(57) Abstract: Window reaming and coring apparatus has a reamer connected in the middle of the tool by mechanical joints which permit the reamer to be displaced substantially parallel to the rest of the tool body. The apparatus is lowered adjacent a pre-determined zone of interest and mills a parallel window along the edge of an existing wellbore into which the reamer is displaced. Once the reamer is fully displaced laterally into the window, the reamer and coring head can be rotated parallel to the wellbore, in the zone of interest for obtaining and retrieving a crescent-shaped core which has a significant cross section and length, enabling improved analysis of the wellbore lithography.

WO 2005/061845 A1



**Declaration under Rule 4.17:**

— *of inventorship (Rule 4.17(iv)) for US only*

**Published:**

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*